Title (en)

POWER DIVISION AND RECOMBINATION NETWORK WITH INTERNAL SIGNAL ADJUSTMENT

Title (de)

LEISTUNGSAUFTEILUNGS- UND -REKOMBINATIONSNETZWERK MIT INTERNER SIGNALANPASSUNG

Title (fr)

RÉSEAU DE DIVISION ET DE RECOMBINAISON DE PUISSANCE AVEC RÉGLAGE DE SIGNAL INTERNE

Publication

**EP 2960983 A1 20151230 (EN)**

Application

**EP 15168706 A 20150521**

Priority

US 201414313301 A 20140624

Abstract (en)

A power division and recombination network with internal signal adjustment ("PDRN") is described. The PDRN may include a means for dividing an input power signal having a first amplitude value into eight intermediate power signals, where each intermediate power signal has an intermediate amplitude value equal to approximately one-eighth the first amplitude value. The PDRN may also include a means for processing the intermediate power signals and a means for combining the intermediate power signal into a single output power signal.

IPC 8 full level

**H01P 5/12** (2006.01); **H01P 5/20** (2006.01)

CPC (source: EP US)

**H01P 3/12** (2013.01 - US); **H01P 5/12** (2013.01 - EP US); **H01P 5/20** (2013.01 - EP US)

Citation (search report)

- [IA] US 3731217 A 19730501 - GERST C, et al
- [A] US 2013141186 A1 20130606 - NGUYEN DOMINIC QUANG [US], et al
- [A] EP 0313058 A2 19890426 - HUGHES AIRCRAFT CO [US]
- [A] US 2013314172 A1 20131128 - MASSMAN JEFFREY P [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2960983 A1 20151230**; **EP 2960983 B1 20200401**; CN 105322264 A 20160210; CN 105322264 B 20191112; US 2015372369 A1 20151224; US 2016372813 A1 20161222; US 9350064 B2 20160524

DOCDB simple family (application)

**EP 15168706 A 20150521**; CN 201510355281 A 20150624; US 201414313301 A 20140624; US 201615162599 A 20160523